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Hormel Foods

Environmental Sustainability Solid Waste Minimization

Tom Raymond

Director of Environmental Sustainability

November 2010

- Overview

- Introduction
- Environmental Sustainability
- Solid Waste Aspect
- Approaches to Solid Waste Minimization

Company Background

- Founded 119 years ago
- “High standards of quality are the cornerstones of this business.”
 - *George A. Hormel*
- “Originate, don’t imitate.”
 - *George A. Hormel*



US Fortune 500 Company

- Exceeded \$6.5 billion in sales in 2009
- 34 brands - either #1 or #2 in their category
- More than 18,600 employees



Hormel Foods

Company Background

- We are a growing company with great opportunities.

- Acquisitions since 2001

2001: The Turkey Store

2002: Diamond Crystal

2003: Century Foods

2004: Farmer John

2005: Lloyd's, Mark-Lynn, Manny's

2006: Provena Foods, Saag's,
Valley Fresh

2007: Burke Corporation

2010: *Country Crock*® chilled side dishes

2010: Don Miguel (MegaMex)



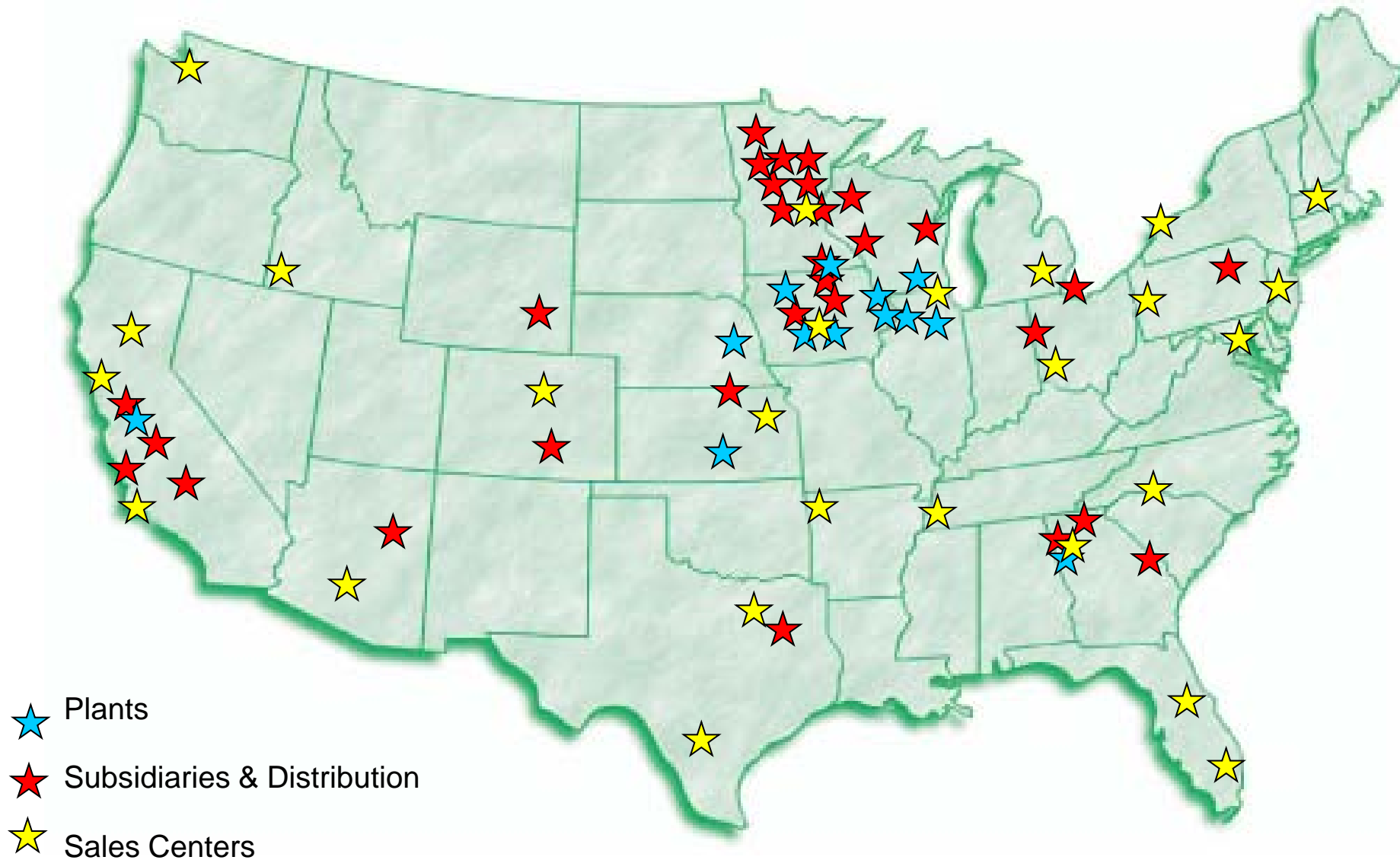
DIAMOND CRYSTAL



Provena Foods

Hormel Foods

Hormel Foods Locations





people



process



products



performance



principles



Hormel Foods
Our Way

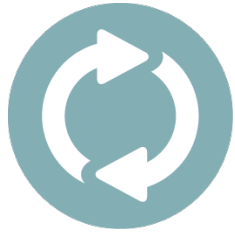
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Defining Sustainability

- Creating long-term shareholder value by:
 - Embracing opportunities, and
 - Managing risks
 - Economic
 - Environmental
 - Social
- Organizational in nature



Sustainability at Hormel Foods



Environmental Sustainability

Making environmental decisions based on all relevant social, economic and environmental factors.

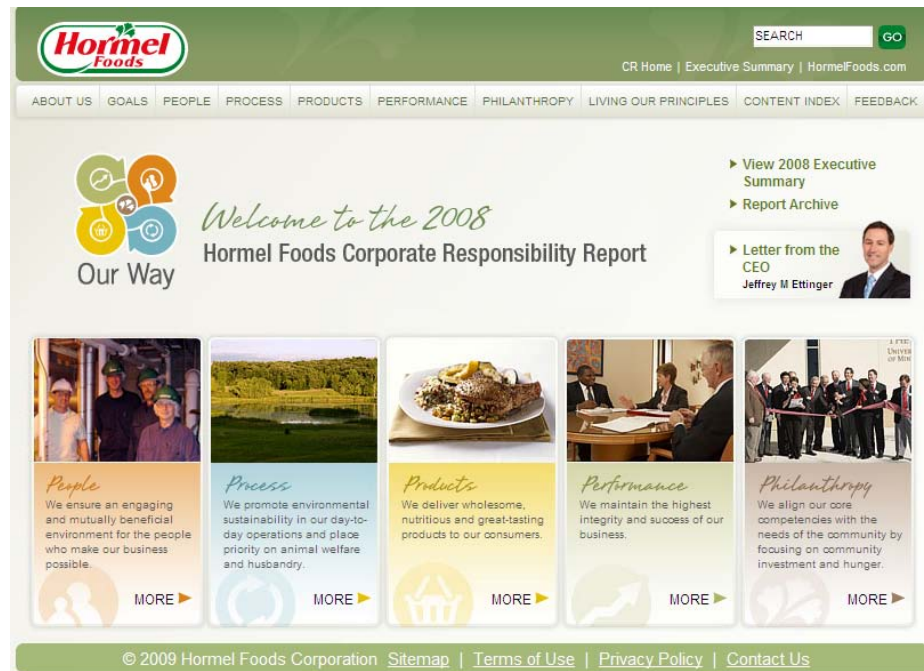
Sustainability at Hormel Foods

- Corporate responsibility is a part of our heritage and our everyday work at Hormel Foods



Sustainability at Hormel Foods

- Energy Conservation
- Water Use Reduction
- Solid Waste Recycling
- Solid Waste Minimization
- Air Emissions
- Packaging
- Transportation





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Aspect: Emissions, Effluent, & Waste

EN22 Total weight of waste by type and disposal method.

CORE

See
Sector Specific Commentary in Protocol.



EN23 Total number and volume of significant spills.

CORE

EN24 Weight of transported, imported, exported, or treated waste deemed hazardous under the terms of the Basel Convention Annex I, II, III, and VIII, and percentage of transported waste shipped internationally.

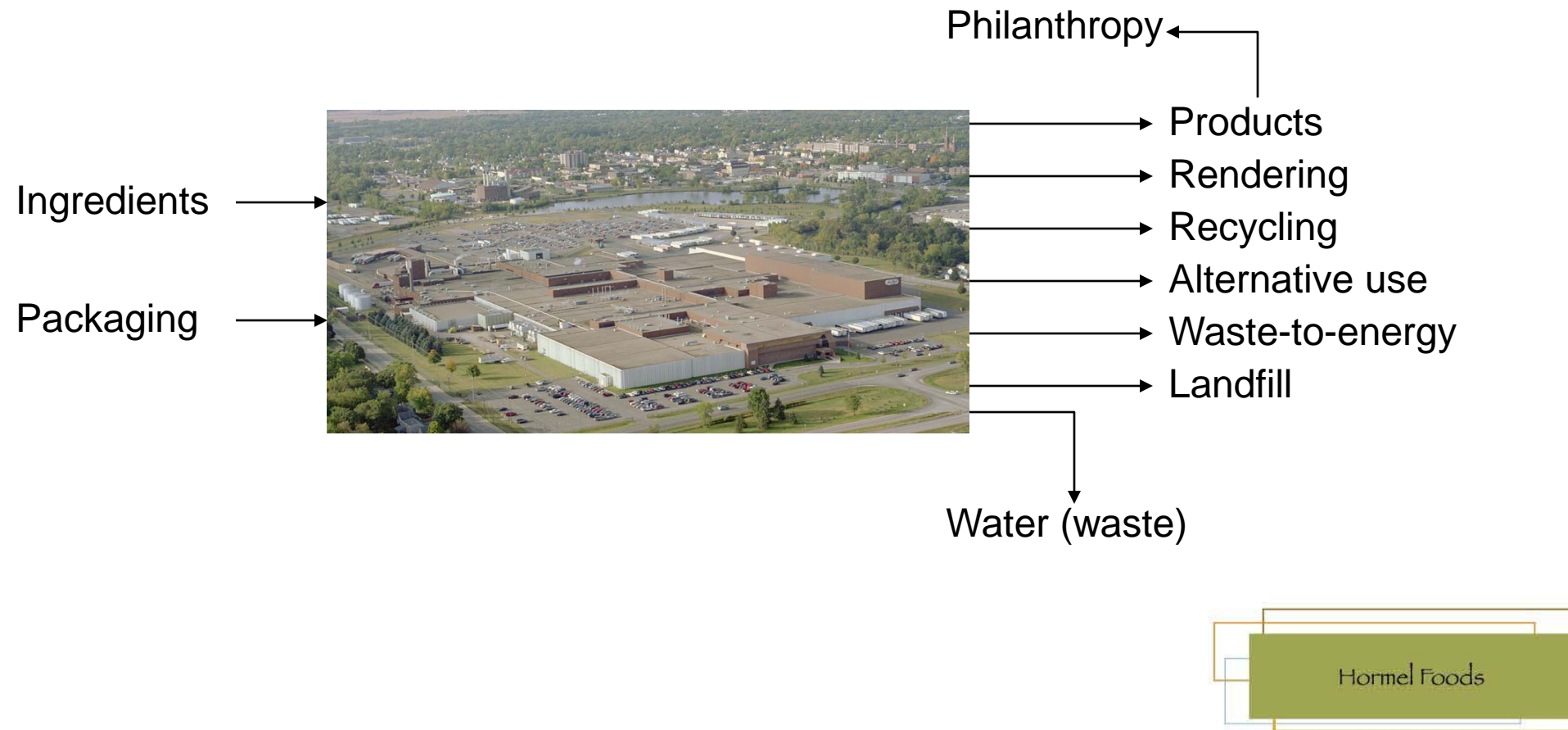
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EN25 Identity, size, protected status, and biodiversity value of water bodies and related habitats significantly affected by the reporting organization's discharges of water and runoff.

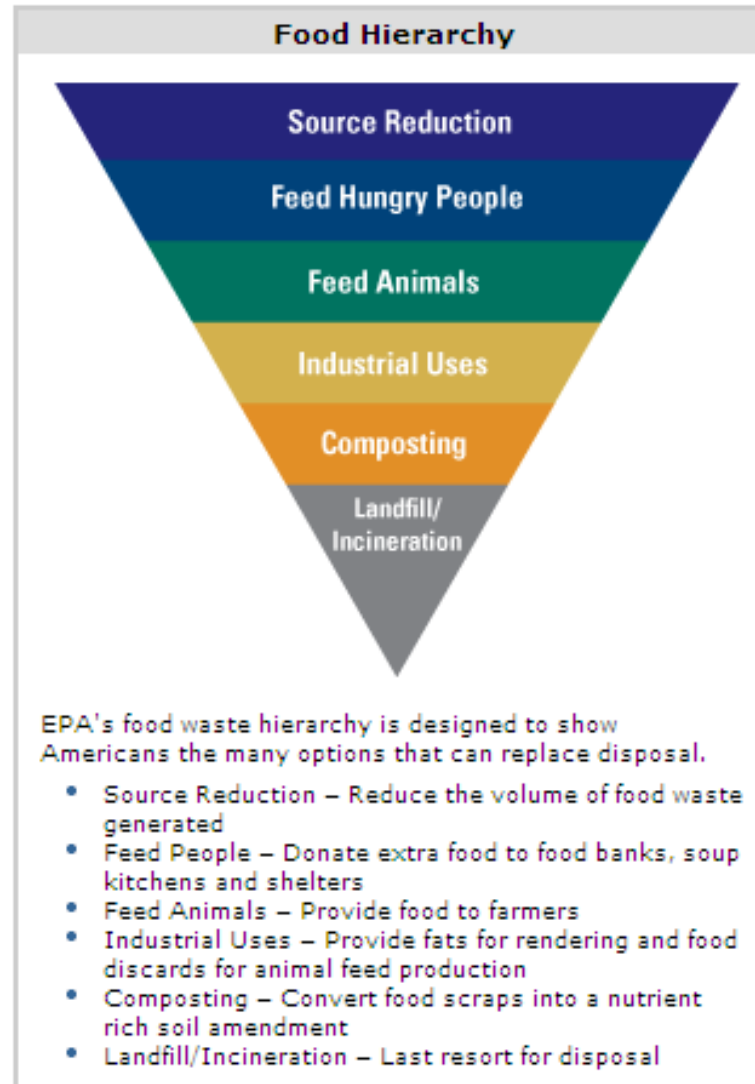
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Solid Waste Aspect



Solid Waste Aspect



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Solid Waste

Solid Waste Reduction Goal

10% Reduction by 2011 – 2% per year

Base year 2006

Normalized for Production

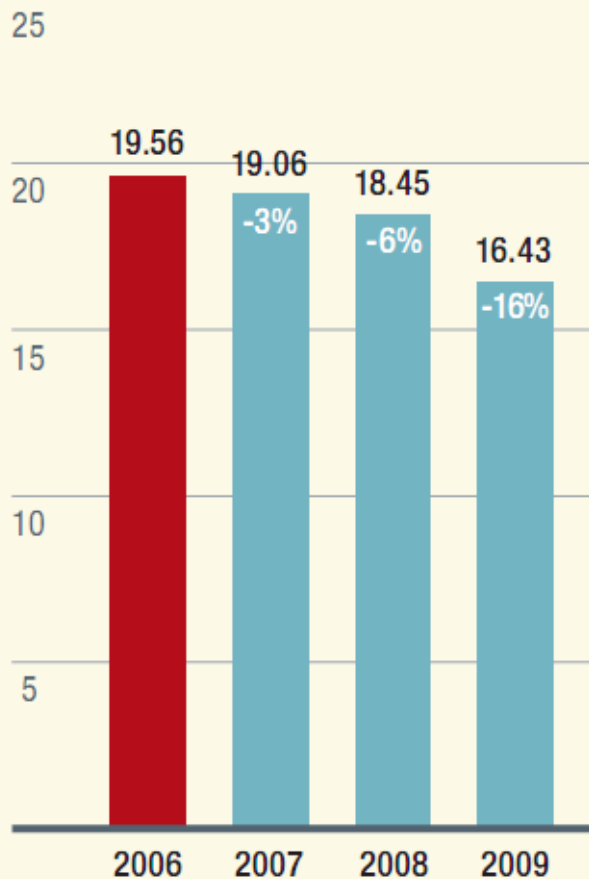


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Solid Waste

Total Solid Waste to Landfill

(pounds of solid waste per thousand pounds of production)



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Solid Waste Minimization

- Source Reduction



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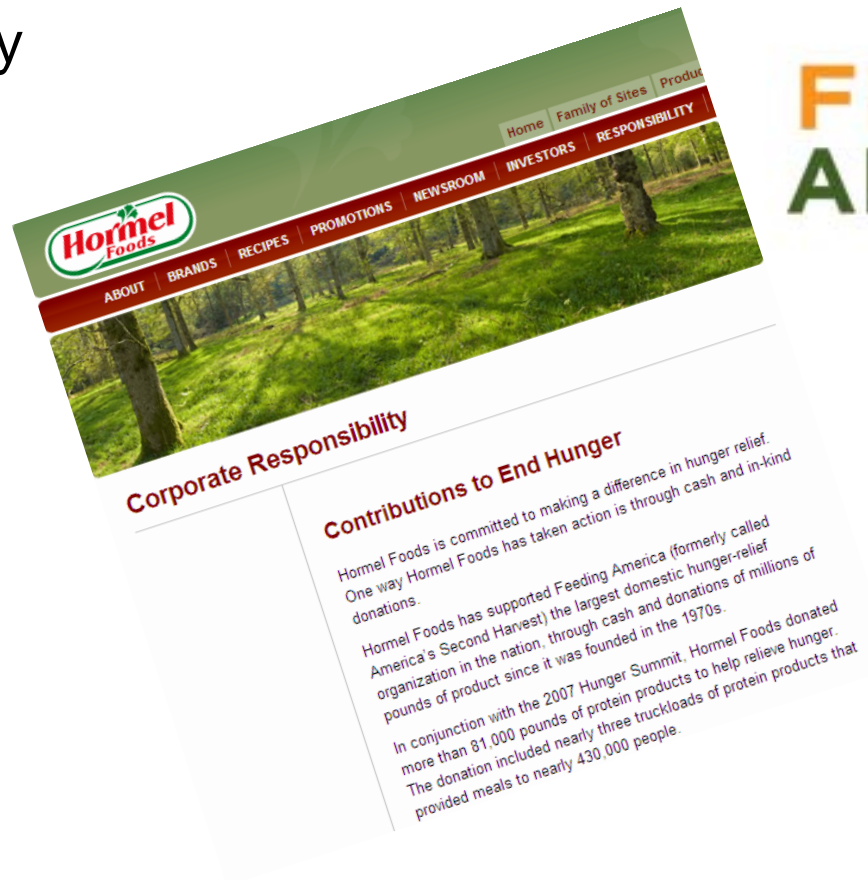
Hormel® bacon bits

- Sourcing changes
 - 630 miles closer to production facility
- Reduced glass thickness
 - 411,000 lbs./year of glass
 - 11 truckloads per year



Solid Waste Minimization

- Source Reduction
- Philanthropy



<http://feedingamerica.org/>

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Solid Waste Minimization

- Source Reduction
- Philanthropy
- Rendering



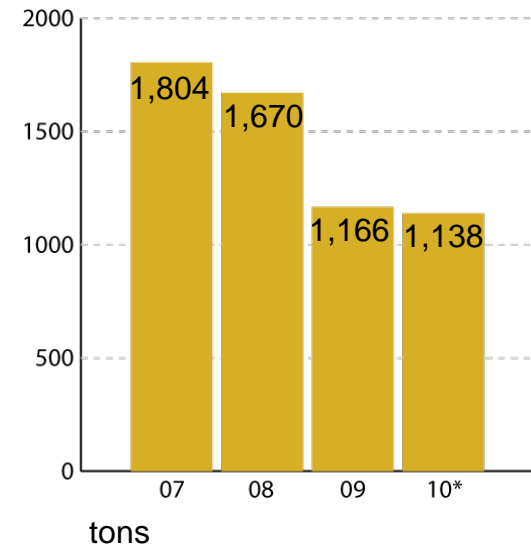
Solid Waste Minimization

- Source Reduction
- Philanthropy
- Rendering
- Recycling



Recognition 2009

- Diamond Crystal Brands - Savannah
 - Education and motivation
 - Annual savings
 - 35% decrease in solid waste
 - 40% improvement in recycle rate



* 2010 figure projections on first half of fiscal year.

Solid Waste Minimization

- Source Reduction
- Philanthropy
- Rendering
- Recycling
- Alternative Use

Solid Waste Minimization

- Land Application
 - Land application at multiple locations
 - Includes pretreatment solids, vegetable waste, and manure



Solid Waste Minimization



Solid Waste Minimization



Solid Waste Minimization



Solid Waste Minimization

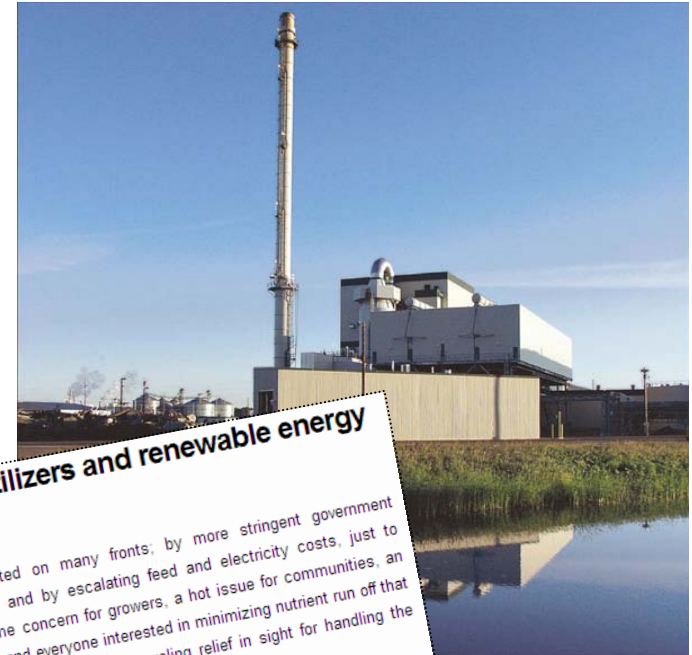


Solid Waste Minimization



Solid Waste Minimization

- Source Reduction
- Philanthropy
- Rendering
- Recycling
- Alternative Use
- Waste to energy



Poultry litter recycled to create fertilizers and renewable energy

by Mike Breslin

The United States poultry industry is being assaulted on many fronts; by more stringent government regulations, by environmental and animal rights groups, and by escalating feed and electricity costs, just to mention a few. Manure management has become a prime concern for growers, a hot issue for communities, an annoyance for anyone living downwind from a poultry farm and everyone interested in minimizing nutrient run off that damages water quality and marine life. But it looks as though there is recycling relief in sight for handling the manure problem.

Called poultry litter in commodity form, it is a combination of manure and bedding materials such as wood shavings, sawdust, peanut hulls, shredded sugar cane, straw, or other dry, absorbent, low-cost organic materials. Of course, the commodity price fluctuates with the quality of the litter, seasonality, and is affected by the price of natural gas and oil used to make competitive chemical fertilizers. In Arkansas, poultry litter recently sold between \$6 and \$10 per ton – down from \$15 a year ago. Long recognized as a good organic fertilizer that contains nitrogen, phosphorus and potassium, it has drawbacks. In raw form it can be applied only before a crop is planted, cannot be

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Solid Waste Minimization



- Anaerobic Digestion Operations
 - Austin, Des Moines, and other locations
 - Processing of high strength organic waste (FOG)
 - Generates electricity thru CHP units
 - Utilized directly for process and building heat

Solid Waste Minimization

- Source Reduction
- Philanthropy
- Rendering
- Recycling
- Alternative Use
- Waste to energy
- Culture of sustainability



Hormel Foods
Our Way

Hormel Foods Sustainability

Thank You

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The logo consists of a green rectangular box with the text "Hormel Foods" in white. To the left of the box are two overlapping, thin-lined rectangles, one light blue and one light green, creating a layered effect.

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